



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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July 29, 2002

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor *DRH*

FROM: Gregg A. Galecki, Sr. Reclamation Specialist *GAG*

RE: 2002 First Quarter Water Monitoring, West Ridge Resource Inc., West Ridge Mine, C/007/041-WQ02-1

1. Were data submitted for all of the MRP required sites? YES [x] NO [ ]

*Identify sites not monitored and reason why, if known:*

2. On what date does the MRP require a five-year resampling of baseline water data.

*See Technical Directive 004 for baseline resampling requirements. Consider the five-year baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement.*

### Resampling Due Date

Commitment to samples every fifth year, beginning with the first mid-term review (p. 7-20): first mid-term due 10/01/01.

3. Were all required parameters reported for each site? YES [X] NO [ ]

*Comments, including identity of monitoring site:*

Nine (9) of a total 15 monitoring sites were documented as having No Access. This is a pattern that is normally occurs for the West Ridge mine in the 1<sup>st</sup> quarter; particularly for sites located along the higher elevation 'West Ridge'. This pattern has been discussed with the operator, and it has been suggested by the Division that they modify their monitoring plan if the sites cannot be accessed during the 1<sup>st</sup> quarter.

4. Were irregularities found in the data? YES [x] NO [ ]

*Comments, including identity of monitoring site:*

The depth to water at Well DH-86-2, which increased approximately 14.5-ft from 1998 through March 2001, has now dropped approximately 35-ft. since March 2001. Water levels dropped an additional 8-feet from the 3<sup>rd</sup> to 4<sup>th</sup> quarter. The water level during the 1<sup>st</sup> quarter is consistent with reading documented during the last two quarters. Construction work conducted around the well lowered the surface casing approximately 5-ft from the 1<sup>st</sup> to 2<sup>nd</sup> quarter 2001, accounted for some of the variance noted earlier. The Operator has been questioned, and indicated no significant inflow of water into the mine has been encountered. This will continue to be monitored in the future.

Specific Conductivity irregularities noted at Spring SP-16 during the 4<sup>th</sup> quarter were unable to be confirmed during the 1<sup>st</sup> quarter because the site was documented as having 'No Access'.

No other irregularities were found in the data.

**5. Were DMR forms submitted for all required sites?**

1<sup>st</sup> month, YES [ x ] NO [ ]  
2<sup>nd</sup> month, YES [ x ] NO [ ]  
3<sup>rd</sup> month, YES [ x ] NO [ ]

*Identify sites and months not monitored:*

Both D001 and D002 showed no discharge

**6. Were all required DMR parameters reported?**

YES [ ] NO [ ]

*Comments, including identity of monitoring site:*

Sites were dry so no parameters were reported, with the exception of 'No Discharge'.

**7. Were irregularities found in the DMR data?**

YES [ ] NO [ x ]

*Comments, including identity of monitoring site:*

**8. Based on your review, what further actions, if any, do you recommend?**

No further action is necessary for the 1st Quarter 2002.